



Ice, Weather, and Sea Surface Temperature Reports



All ships are encouraged to immediately report sightings of ice to COMINTICEPAT GROTON CT when near or within the "estimated limits of all known ice." Ships are encouraged to make reports even if "no ice" is sighted as knowledge of where ice is not is also very important. When reporting ice, please include the following information:

Ice Report

SHIP NAME AND CALL SIGN

ICEBERG POSITION Specify either the geographic coordinates (latitude, longitude) or range/bearing from ship's stated geographic position (latitude, longitude)

TIME OF SIGHTING (in UTC)

METHOD OF DETECTION (Visual, Radar, or Both)

SIZE AND SHAPE OF ICEBERG (see Tables 1 and 2)

SEA ICE CONCENTRATION (In Tenths)

SEA ICE THICKNESS IN FEET OR METERS
(Specify Units)

Additional Information is also very valuable and much appreciated when reported.

ICEBERG DIMENSIONS (In Meters)

ICEBERG SPEED AND DIRECTION (kts and Degrees True)

ICEBERG DRAFT

WATER TEMPERATURE (Degrees Celsius)

WAVE HEIGHT AND PERIOD (In Meters and Seconds)

SHIP POSITION AND TIME

SHIP COURSE AND SPEED

Weather/Sea Surface Temperature Reports

SHIP NAME AND CALL SIGN

TIME (in UTC)

SHIP POSITION (latitude, longitude)

COURSE

SPEED

VISIBILITY

AIR AND SEA SURFACE TEMPERATURE

BAROMETRIC PRESSURE

WIND DIRECTION AND SPEED

Make reports to:

METEO Washington

COMINTICEPAT GROTON CT through INMARSAT A or C, U.S. Coast Guard Communication Stations Canadian Coast Guard Marine Communications and Traffic Services, use Service Code 42

Guarded Frequencies listed in Table 3.

Ice Patrol Office

Phone (860) 441-2626

Toll Free (877) 423-7287

Fax (860) 441-2773

Email iipcomms@uscg.mil

Coast Guard Atlantic Area Command Center

Phone (757) 398-6231

Fax (757) 398-6392

Instructions for sending INMARSAT Code 42 Warnings:

INMARSAT-A

1. Select TELENOR (global identification code 01).
2. Select routine priority.
3. Select duplex telex channel.
4. Initiate the call.
5. Upon receipt of GA (Go Ahead), select the desired two-digit prefix access code followed by at + sign (42+).
6. Send your report.
7. The message will be forwarded, at no charge, from the mariner to International Ice Patrol by TELENOR, Corp.

INMARSAT-C (General instructions)

1. Access the 2-digit code service on SES as instructed in your manufacturer's information.
2. Using the SES text editor, prepare the message.
3. Enter the 2-digit code of the service required (42).
4. Select the CES (01, TELENOR, AORW)
5. Transmit your message.
6. Wait for acknowledgment from the CES.
7. The message will be forwarded, at no charge, from the mariner to International Ice Patrol by TELENOR, Corp.

TABLE 1: SIZE DESCRIPTIONS USED BY ICE PATROL

DESCRIPTIVE NAME	HEIGHT	LENGTH
	(m)	(m)
Growler	< 5	< 5
Bergy Bit	1<5	5<15
Small Berg	5-15	15-60
Medium Berg	16-45	61-120
Large Berg	46-75	121-200
Very Large Berg	> 75	> 200

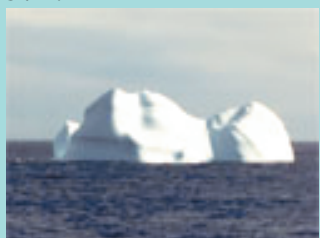
TABLE 2: SHAPE DESCRIPTIONS USED BY ICE PATROL



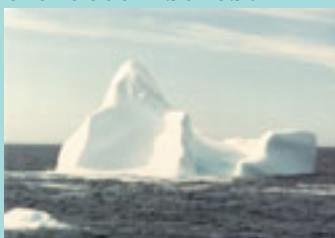
1. Tabular: Flat top with length-ratio less than 5:1.



2. Non Tabular: Does not meet any of the below characteristics.



3. Domed: Rounded top.



4. Pinnacled: 1 or more spires.



5. Wedged: Steep vertical side on 1 end and sloping on the other.



6. Dry-dock: Eroded with a U-shaped slot or channel.



7. Blocky: Flat top with vertical sides



8. Ice Island: Very large ice floe.



Homeland Security

TABLE 3: REPORT RECEIVING STATIONS

RECEIVING STATION	MARINE COMMUNICATIONS & TRAFFIC SERVICE (MCTS) LOCATION	BANDS GUARDED/XMIT FREQUENCY	
		DAY	NIGHT
VON	Canadian Coast Guard MCTS St. John's NFLD (St. John's Coast Guard Radio)	VHF 16 2182 J3E	VHF 16 2182 J3E
VCM	Canadian Coast Guard MCTS St. Anthony NFLD (St. Anthony Coast Guard Radio)	VHF 16 2182 J3E	VHF 16 2182 J3E
VOK	Canadian Coast Guard MCTS Labrador (Labrador Coast Guard Radio)	VHF 16 2182 J3E	VHF 16 2182 J3E
VCP	Canadian Coast Guard MCTS Placentia (Placentia Coast Guard Radio)	VHF 16 2182 J3E	VHF 16 2182 J3E
VOJ	Canadian Coast Guard MCTS Port aux Basques NFLD (Port aux Basques Coast Guard Radio)	VHF 16 2182 J3E	VHF 16 2182 J3E
VCO	Canadian Coast Guard MCTS Sydney Nova Scotia (Sydney Coast Guard Radio)	VHF 16 2182 J3E	VHF 16 2182 J3E
VCS	Canadian Coast Guard MCTS Dartmouth Nova Scotia (Halifax Coast Guard Radio)	VHF 16 2182 J3E	VHF 16 2182 J3E
VAR	Canadian Coast Guard MCTS Saint John New Brunswick (Fundy Coast Guard Radio)	VHF 16 2182 J3E	VHF 16 2182 J3E

Need more Information?

International Ice Patrol in Groton, CT

Phone: (860) 441-2626

Toll Free: (877) 423-7287

Fax: (860) 441-2773

iipcomms@uscg.mil

<http://www.uscg.mil/lantarea/iip/>

Canadian Ice Service in Ottawa :

Phone: (613) 996-1550

(800) 767-2885 (within Canada only)

Fax: (613) 996-9160

cis-scg.client@ec.gc.ca

<http://ice-glaces.ec.gc.ca/>

